

NOV 07 2007

Docket No.: 050103-0556

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 49745  
:   
Rajiv Yadav RANJAN, et al. : Confirmation Number: 7578  
:   
Application No.: 10/701,418 : Group Art Unit: 1762  
:   
Filed: November 06, 2003 : Examiner: Bashore, Alain L.  
:   
For: GAS CONTAINING OXYGEN FOR POST OXIDATION

**POWER OF ATTORNEY BY ASSIGNEE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SEAGATE TECHNOLOGY LLC, assignee of the above-identified application by assignment dated November 6, 2003, a copy of which is attached hereto, hereby appoints Seagate Technology LLC; and the registered practitioners of McDermott Will & Emery LLP, included in the Customer Number provided below with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**CUSTOMER NUMBER 49745**

Please send all correspondence associated with Customer Number 49745 to:

**Certification of Facsimile Transmission**

I hereby certify that this paper is being facsimile  
transmitted to the Patent and Trademark Office  
on the date shown below.

BERNARD P. CODD

Type or print name of person signing certification

Bernard P. Codd

Signature

Date

11/7/07

John A. Hankins  
McDERMOTT WILL & EMERY LLP  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Telephone: (202)756-8000

Respectfully submitted,

Dated:

16 November, 2007

By:

William D. Zahrt II

Name: William D. Zahrt II  
Title: Patent Attorney acting on behalf of  
Assignee  
Registration No. 26,070

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PTO/SB/98 (5-98)

Approved for use through 09/30/2000. OMB 0851-0031  
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Rajiv Yadav RANJAN, et al.

Application No./Patent No.: 10/701,416

Filed/Issue Date: November 6, 2003

Entitled: GAS CONTAINING OXYGEN FOR POST OXIDATION

SEAGATE TECHNOLOGY LLC, a Limited Liability Company.

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent above. The assignment was recorded in the Patent and Trademark Office at Reel 014681, Frame 0039, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:]** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFT Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

7 November, 2007  
 Date

William D. Zahrt II  
 Signature

William D. Zahrt II, Registration No. 28,070  
 Typed or printed name

Patent Attorney acting on behalf of Assignee  
 Title

**Certification of Facsimile Transmission**

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BERNARD P. CADD  
 Type or print name of person signing certification

Bernard P. Cadd 11/7/07  
 Signature Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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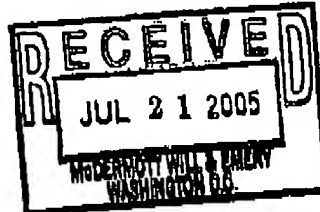
CORRECTED  
NOTICE

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 15, 2005

PTAS

MCDERMOTT, WILL & EMERY  
AARON WEISSTUCH  
600 13TH STREET, N.W.  
WASHINGTON, DC 20005-3096UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/06/2003

REEL/FRAME: 014681/0939  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

RANJAN, RAJIV

DOC DATE: 10/24/2003

## ASSIGNOR:

NOLAN, THOMAS P.

DOC DATE: 10/24/2003

## ASSIGNEE:

SEAGATE TECHNOLOGY LLC  
920 DISC DRIVE  
P.O. BOX 66360  
SCOTTS VALLEY, CALIFORNIA  
95067-  
0360

SERIAL NUMBER: 10701418

FILING DATE: 11/06/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: USE OF OXYGEN-CONTAINING GASES IN FABRICATION OF GRANULAR  
PERPENDICULAR MAGNETIC RECORDING MEDIA

014681/0939 PAGE 2

DOROTHY WILLIAMS, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

NOV 07 2007

11/06/03

11-14-2003

102600053  
PATENTIS U.S.U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-1595

(Rev. 10/02)

Docket No.: 50103-556

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Rajiv RANJAN, Thomas P. NOLAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: October 24, 2003, October 24, 2003

## 2. Name and address of receiving party(ies):

Name: SEAGATE TECHNOLOGY LLC

Address: 920 Disc Drive

P.O. Box 66360

Scotts Valley, CA 95067-0360

Additional name(s) & address(es) attached? ☐ Yes ☐ No17510 U.S. PTO  
10701418

## 4. Application number(s) or patent number(s):

101701418

If the document is being filed together with a new application, the execution date of the application is:

October 24, 2003,

October 24, 2003

## A. Patent Application No(s).

## B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D.C. Zip: 20005-3096

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

500417

11/13/2003 BY: 00000194 500417 10701418

01 01:0021 40.00 00

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Aaron Weisstuch, 41,557

November 6, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet:

3

OMB No. 0651-0027 (exp. 6/30/2005)

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Docket No.: 050103-0556

**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 49745
Rajiv RANJAN, et al.	:	Confirmation Number: 7578
Application No.: 10/701,418	:	Group Art Unit: 1773
Filed: November 06, 2003	:	Examiner: RICKMAN, Holly C.

**For: USE OF OXYGEN-CONTAINING GASES IN FABRICATION OF GRANULAR  
PERPENDICULAR MAGNETIC RECORDING MEDIA****REQUEST FOR CORRECTION OF NOTICE OF RECORDATION  
OF ASSIGNMENT DOCUMENT**

Mail Stop Assignment Division  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
FACSIMILE TRANSMITTED TO THE PATENT AND  
TRADEMARK OFFICE ON THE DATE SHOWN BELOW

Kim Polkard  
TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION  
Kim Polkard 7/7/05  
SIGNATURE DATE

Sir:

This Assignment document was filed with the above application on November 6, 2003 and assigned Application No. 10/701,418, as written by the USPTO on the transmittal form and on the bar code label. However, page 2 of the Assignment Recordation reflects the wrong Serial Number (10170148), wrong Filing Date and wrong Title.

Please also remove the "." after LLC in Assignee's name on page 1 of the Assignment Recordation.

Please correct this Assignment Recordation for the correct Application No. 10/701,418. This information appears at Reel 014681; Frame 0939. Please forward the Corrected Notice of Recordation of Assignment Document to the undersigned. Copies of the Notice of Recordation of Assignment Document, the executed Assignment, and the Recordation Form Cover Sheet are

**10/701,418**

included herewith. No fee is necessary because the error is the fault of the U.S. Patent and Trademark Office.

If you have any questions, please contact the undersigned immediately.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



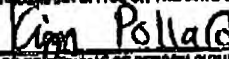

Aaron Welsstuch, Ph.D.  
Registration No. 41,557

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 AW:kap  
Facsimile: 202.756.8087  
Date: July 7, 2005

Please recognize our Customer No. 49745  
as our correspondence address.

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I HEREBY CERTIFY THAT THIS PAPER IS BEING  
FACSIMILE TRANSMITTED TO THE PATENT AND  
TRADEMARK OFFICE ON THE DATE SHOWN BELOW

  
\_\_\_\_\_  
TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION  
 7/7/05  
SIGNATURE DATE

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NOV 07 2007

Docket No.: 50103-556

ASSIGNMENT

WHEREAS WE, RAJIV RANJAN, and THOMAS PATRICK NOLAN of San Jose, California; and Fremont, California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled USE OF OXYGEN-CONTAINING GASES IN FABRICATION OF GRANULAR PERPENDICULAR MAGNETIC RECORDING MEDIA, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, SEAGATE TECHNOLOGY LLC, a Limited Liability Company of the State of Delaware, and having an address of 920 Disc Drive, P. O. Box 66360, Scotts Valley, California 95067-0360 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto SEAGATE TECHNOLOGY LLC, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

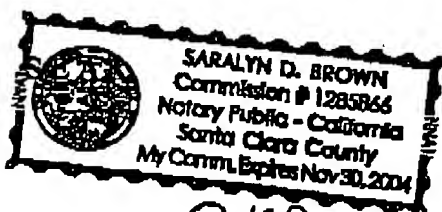
AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said SEAGATE TECHNOLOGY LLC, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.



Date 10/24/2003 Rajiv Ranjan  
Date 10/24/2003 Thomas Patrick Nolan  
Date \_\_\_\_\_  
Date \_\_\_\_\_

STATE OF California )  
COUNTY OF Alameda ) SS:

On this 24 day of October, 2003, before me personally appeared Rajiv Ranjan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



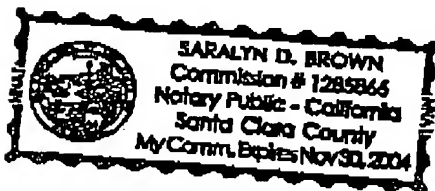
Saralyn D. Brown  
Notary Public

My commission expires 11/30/04

STATE OF California )  
COUNTY OF Alameda ) SS:

On this 24 day of October, 2003, before me personally appeared Thomas Patrick Nolan, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL



Saralyn D. Brown  
Notary Public

My commission expires 11/30/04